



Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled).

1 2. (Currently Amended) An information providing server
2 comprising:

3 three-dimensional image data storage means for
4 storing three-dimensional image data generated based on
5 image information in which a physical position is clearly
6 described and in which the same area is photographed from
7 different locations, and storing positional information
8 showing the position of said three-dimensional image data;

9 advertisement placing information storage means for
10 storing advertisement placing information including at
11 least a placing period and a placed location of an
12 advertisement by adding an ID for each advertisement;

13 three-dimensional image synthesizing means for
14 reading the three-dimensional image data from said three-
15 dimensional image data storage means based on ~~browsing~~
16 ~~location specification information~~ a viewpoint of a user,
17 reading from said advertisement placing information storage
18 means said advertisement placing information having said
19 placing period including the current date data and said

20 placed location included in said three-dimensional image
21 data read based on said ~~browsing location specification~~
22 information viewpoint of a user, and synthesizing said read
23 three-dimensional image data with said advertisement
24 placing information to generate synthesis three-dimensional
25 image data;

26 advertisement contract storage means for storing
27 contract information including an ID added to said
28 advertisement placing information, the name of an
29 advertisement placing person who desires to place an
30 advertisement, and a contract money amount; and

31 advertisement contract means for executing a contract
32 process of an advertisement placing request upon reception
33 of said advertisement placing request from said
34 advertisement placing person and updating said
35 advertisement placing information stored in said
36 advertisement placing information storage means based on
37 said contract information stored in said advertisement
38 contract storage means,

39 wherein the synthesis three-dimensional image data
40 includes the advertisement placed at a particular location
41 corresponding to the placed location in a three-dimensional
42 image corresponding to the three-dimensional image data.

1 3. (Original) The information providing server according
2 to claim 1 or 2, further comprising three-dimensional image
3 data conversion means for generating three-dimensional

4 image data based on image information in which the same
5 area is photographed from different locations and in which
6 a physical position is clearly described.

1 4. (Currently Amended) An information providing server
2 comprising:

3 three-dimensional image data storage means for
4 storing three-dimensional image data generated based on
5 image information in which a physical position is clearly
6 described and in which the same area is photographed from
7 different locations, and storing positional information
8 showing the position of said three-dimensional image data;

9 advertisement placing information storage means for
10 storing advertisement placing information including at
11 least a placing period and a placed location of an
12 advertisement by adding an ID for each advertisement;

13 three-dimensional image synthesizing means for
14 reading the three-dimensional image data from said three-
15 dimensional image data storage means based on ~~browsing~~
16 ~~location specification information~~ viewpoint of a user,
17 reading from said advertisement placing information storage
18 means said advertisement placing information having said
19 placing period including the current date data and said
20 placed location included in said three-dimensional image
21 data read based on said ~~browsing location specification~~
22 ~~information~~ viewpoint of a user, and synthesizing said read
23 three-dimensional image data with said advertisement

24 placing information to generate synthesis three-dimensional
25 image data; and
26 three-dimensional image browser means for generating,
27 based on a desired viewpoint position, a ~~three-dimensional~~
28 ~~image stereoscopic representation~~ rendered image rendered
29 from said synthesis three-dimensional image data outputted
30 from said three-dimensional image synthesizing means,
31 wherein the synthesis three-dimensional image data
32 includes the advertisement placed at a particular location
33 corresponding to the placed location in a three-dimensional
34 image corresponding to the three-dimensional image data.

1 5. (Currently Amended) An information providing server
2 comprising:
3 three-dimensional image data storage means for
4 storing three-dimensional image data generated based on
5 image information in which a physical position is clearly
6 described and in which the same area is photographed from
7 different locations, and storing positional information
8 showing the position of said three-dimensional image data;
9 advertisement placing information storage means for
10 storing advertisement placing information including at
11 least a placing period and a placed location of an
12 advertisement by adding an ID for each advertisement;
13 three-dimensional image synthesizing means for
14 reading the three-dimensional image data from said three-
15 dimensional image data storage means based on ~~browsing~~

16 ~~location specification information~~ viewpoint of a user,
17 reading from said advertisement placing information storage
18 means said advertisement placing information having said
19 placing period including the current date data and said
20 placed location included in said three-dimensional image
21 data read based on said ~~browsing location specification~~
22 ~~information~~ viewpoint of a user, and synthesizing said read
23 three-dimensional image data with said advertisement
24 placing information to generate synthesis three-dimensional
25 image data;

26 three-dimensional image browser means for generating,
27 based on a desired viewpoint position, a ~~three-dimensional~~
28 ~~image stereoscopic representation~~ rendered image rendered
29 from said synthesis three-dimensional image data outputted
30 from said three-dimensional image synthesizing means;

31 advertisement contract storage means for storing
32 contract information including an ID added to said
33 advertisement placing information, the name of an
34 advertisement placing person who desires to place an
35 advertisement, and a contract money amount; and

36 advertisement contract means for executing a contract
37 process of an advertisement placing request upon reception
38 of said advertisement placing request from said
39 advertisement placing person and updating said
40 advertisement placing information stored in said
41 advertisement placing information storage means based on
42 said contract information stored in said advertisement

43 contract storage means,

44 wherein the synthesis three-dimensional image data
45 includes the advertisement placed at a particular location
46 corresponding to the placed location in a three-dimensional
47 image corresponding to the three-dimensional image data.

1 6. (Original) The information providing server according
2 to claim 4 or 5, further comprising three-dimensional image
3 data conversion means for generating three-dimensional
4 image data based on image information in which a physical
5 position is clearly described and
6 in which the same area is photographed from different
7 locations.

1 7. (Original) The information providing server according
2 to claim 4 or 5, further comprising:

3 user data storage means for recording the ID of a
4 user and the viewpoint position of said user;

5 other users maximum display threshold value storage
6 means for storing an other users maximum display threshold
7 value for defining a threshold value to display the maximum
8 number of viewpoint positions of other users when
9 displaying the viewpoint positions of the other users;

10 user position display means for adding a user
11 position mark showing the user to the viewpoint position of
12 the user in said three-dimensional image stereoscopic
13 representation provided to said user, fetching from data

14 stored in said user data storage means the viewpoint
15 positions of said other users and said user IDs up to said
16 threshold value defined by said other users maximum display
17 threshold value in the order close to the viewpoint
18 position of said user, and adding other users position
19 marks showing said other users to said viewpoint positions;
20 and

21 interaction connection means for regarding, as
22 persons to interact with, the user IDs of said other users
23 corresponding to given specified other users position marks
24 when said user specifies said given other users position
25 marks and starting an interacting function program to
26 provide connection.

1 8. (Currently Amended) An information providing server
2 comprising:

3 three-dimensional image data storage means for
4 storing three-dimensional image data generated based on
5 image information in which a physical position is clearly
6 described and in which the same area is photographed from
7 different locations, and storing positional information
8 showing the position of said three-dimensional image data;

9 advertisement placing information storage means for
10 storing advertisement placing information including at
11 least a placing period and a placed location of an
12 advertisement by adding an ID for each advertisement;

13 three-dimensional image synthesizing means for

14. reading the three-dimensional image data from said three-
15 dimensional image data storage means based on browsing
16 location specification information, reading from said
17 advertisement placing information storage means said
18 advertisement placing information having said placing
19 period including the current date data and said placed
20 location included in said three-dimensional image data read
21 based on said ~~browsing location specification information~~
22 viewpoint of a user, and synthesizing said read three-
23 dimensional image data with said advertisement placing
24 information to generate synthesis three-dimensional image
25 data;

26 three-dimensional image browser means for generating,
27 based on a desired viewpoint position, a ~~three-dimensional~~
28 ~~image stereoscopic representation~~ rendered image rendered
29 from said synthesis three-dimensional image data outputted
30 from said three-dimensional image synthesizing means;

31 landmark position storage means for storing landmark
32 information including **[[a]]** language representation
33 information about the name or contents corresponding to a
34 landmark existing in said three-dimensional image data and
35 positional information on the position of said landmark;
36 and

37 search engine means for searching for page data
38 including the contents related to a keyword from a set of
39 page data when said keyword is given as input and
40 generating link information to said page data,

41 wherein said three-dimensional image browser means
42 refers to said positional information included in said
43 landmark information of said landmark position storage
44 means when related information presentation related to the
45 position is commanded, specifies the corresponding landmark
46 information, outputs said language representation
47 information of the landmark information to said search
48 engine means, and allows said search engine means to
49 generate link information of page data related to the
50 landmark information,

51 wherein the synthesis three-dimensional image data
52 includes the advertisement placed at a particular location
53 corresponding to the placed location in a three-dimensional
54 image corresponding to the three-dimensional image data.

1 9. (Currently Amended) An information providing server
2 comprising:

3 three-dimensional image data storage means for
4 storing three-dimensional image data generated based on
5 image information in which a physical position is clearly
6 described and in which the same area is photographed from
7 different locations, and storing positional information
8 showing the position of said three-dimensional image data;

9 advertisement placing information storage means for
10 storing advertisement placing information including at
11 least a placing period and a placed location of an
12 advertisement by adding an ID for each advertisement;

13 three-dimensional image synthesizing means for
14 reading the three-dimensional image data from said three-
15 dimensional image data storage means based on ~~browsing~~
16 ~~location specification information~~ viewpoint of a user,
17 reading from said advertisement placing information storage
18 means said advertisement placing information having said
19 placing period including the current date data and said
20 placed location included in said three-dimensional image
21 data read based on said ~~browsing location specification~~
22 ~~information~~ viewpoint of a user, and synthesizing said read
23 three-dimensional image data with said advertisement
24 placing information to generate synthesis three-dimensional
25 image data;

26 three-dimensional image browser means for generating,
27 based on a desired viewpoint position, a ~~three-dimensional~~
28 ~~image stereoscopic representation~~ rendered image rendered
29 from said synthesis three-dimensional image data outputted
30 from said three-dimensional image synthesizing means;

31 landmark position storage means for storing landmark
32 information including a language representation about the
33 name or contents corresponding to a landmark existing in
34 said three-dimensional image data and positional
35 information on the position of said landmark;

36 search engine means for searching for page data
37 including the contents related to a keyword from a set of
38 page data when said keyword is given as input and
39 generating link information to said page data;

40 user stay landmark storage means for storing a
41 landmark stay ~~history~~ record including said landmark where
42 a user stays and the stay time at the landmark;

43 all movement history storing means for recording a
44 movement history including the viewpoint position of said
45 user and the time;

46 stay time threshold value storage means for storing a
47 stay time threshold value showing time to stay around a
48 landmark necessary for judging that said user is interested
49 in said landmark;

50 range inside and outside judgment distance storage
51 means for storing range inside and outside judgment
52 distance information showing definition of the peripheral
53 position from the position of a landmark necessary for
54 judging that said user is interested in said landmark;

55 stay time calculation means for extracting said
56 landmark information from said landmark position storage
57 means, using positional information of the landmark
58 information and said range inside and outside judgment
59 distance information stored in said range inside and
60 outside judgment distance storage means to extract from
61 said all movement history storing means said movement
62 history when the viewpoint position of said user is within
63 ~~the range of the peripheral position~~ a surrounding area of
64 said landmark defined by said range inside and outside
65 judgment distance information from positional information
66 included in said extracted landmark position, and using the

67 extracted movement history to calculate the first time and
68 the last time in which the viewpoint position of said user
69 passes through said surrounding area of said landmark; and

70 user stay landmark judgment means for comparing a
71 stay time which is a difference between said last time and
72 said first time calculated by said stay time calculation
73 means with said stay time threshold value stored in said
74 stay time threshold value storage means, and when said stay
75 time is above said stay time threshold value, using said
76 language representation information of said landmark
77 information to store said landmark name and said stay time
78 into said user stay landmark storage means,

79 wherein said three-dimensional image browser means
80 refers to said positional information included in said
81 landmark information of said landmark position storage
82 means when related information presentation related to the
83 position is commanded, specifies the corresponding landmark
84 information, outputs said language representation
85 information of the landmark information to said search
86 engine means, and allows said search engine means to
87 generate link information of page data related to the
88 landmark information,

89 wherein the synthesis three-dimensional image data
90 includes the advertisement placed at a particular location
91 corresponding to the placed location in a three-dimensional
92 image corresponding to the three-dimensional image data.

1 10. (Original) The information providing server according
2 to claim 9, further comprising:

3 all information search command history storing means
4 for recording an information presentation command history
5 including the landmark name in which said user commands
6 related information presentation related to the position
7 and the time; and

8 ~~questionnaire summing result~~ user behavior record
9 presentation means for outputting said landmark stay
10 ~~history record~~ of said user stay landmark storage means or
11 said information presentation command history of said all
12 information search command history storing means when a
13 manager commands to present the summing result.

1 11. (Currently Amended) An information providing client,
2 wherein

3 provision of information showing a viewpoint position
4 is requested to an information providing server for storing
5 advertisement placing information including at least a
6 placing period of an advertisement desired to be placed by
7 adding an ID for each advertisement;

8 said information providing server is allowed to
9 synthesize three-dimensional image data generated based on
10 image information in which a physical position is clearly
11 described and in which the same area is photographed from
12 different locations with said advertisement placing
13 information to generate synthesis three-dimensional image

14 data when said placing period included in said stored
15 advertisement placing information includes the current
16 date, and to use said viewpoint position to generate a
17 three-dimensional image stereoscopic representation from
18 the synthesis three-dimensional image data; and
19 the three-dimensional image stereoscopic
20 representation is received and displayed,
21 wherein the synthesis three-dimensional image data
22 includes the advertisement placed at a particular location
23 corresponding to the placed location in a three-dimensional
24 image corresponding to the three-dimensional image data.

1 12. (Currently Amended) An information providing client
2 comprising:
3 a three-dimensional image browser which stores three-
4 dimensional image data generated based on image information
5 in which a physical position is clearly described and in
6 which the same area is photographed from different
7 locations associated with positional information showing
8 the position of the three-dimensional image data and
9 further performs a ~~browsing location~~ viewpoint position of
10 a user specification for specifying a desired ~~location~~
11 viewpoint position of a user to be ~~browsed~~ displayed to an
12 information providing server for storing advertisement
13 placing information including at least a placing period and
14 a placed location of an advertisement by adding an ID for
15 each advertisement, and which allows said information

16 providing server to read the corresponding three-
17 dimensional image data from said three-dimensional image
18 data based on said ~~browsing location~~ viewpoint position of
19 a user specification, to read from said advertisement
20 placing information said advertisement placing information
21 having said placing period including the current date data
22 and said placed location included in said read three-
23 dimensional image data and to synthesize said read three-
24 dimensional image data with said advertisement placing
25 information to generate synthesis three-dimensional image
26 data, and receives the synthesis three-dimensional image
27 data to generate a three-dimensional image stereoscopic
28 representation based on a viewpoint position;
29 an input part for outputting said viewpoint position
30 to said three-dimensional image browser; and
31 a display part for receiving said three-dimensional
32 image stereoscopic representation from said three-
33 dimensional image browser to display it,
34 wherein the synthesis three-dimensional image data
35 includes the advertisement placed at a particular location
36 corresponding to the placed location in a three-dimensional
37 image corresponding to the three-dimensional image data.

1 13. (Original) The information providing client according
2 to claim 11 or 12, wherein
3 said information providing server stores landmark
4 information including a language representation about the

5 name or contents corresponding to a landmark existing in
6 said three-dimensional image data and positional
7 information on the position of said landmark;
8 a related information provision request showing a
9 position for requesting related information provision is
10 performed to said information providing server; and
11 said information providing server is allowed to refer
12 to said positional information included in said stored
13 landmark information, to specify the corresponding landmark
14 information, to use said language representation
15 information of the landmark information to search for page
16 data including the contents related to the language
17 representation information from a set of the page data, and
18 to generate link information to said page data.

1 14. (Original) The information providing client according
2 to claim 11 or 12, wherein
3 when said information providing server records the ID
4 of a user and the viewpoint position of said user and
5 further displays viewpoint positions of other users, an
6 other users display request for requesting display of other
7 users in said three-dimensional image stereoscopic
8 representation is performed to said information providing
9 server for storing an other users maximum display threshold
10 value for defining a threshold value to display the maximum
11 number of the viewpoint positions of the other users;
12 said information providing server is allowed to add

13 and display a user position mark showing the user to the
14 viewpoint position of the user in said three-dimensional
15 image stereoscopic representation, to fetch from said
16 stored user viewpoint position said viewpoint positions of
17 the other users and said user IDs up to said stored
18 threshold value in the order close to said viewpoint
19 position of the user, and to add and display other users
20 position marks showing said other users to said viewpoint
21 position in said three-dimensional image stereoscopic
22 representation and further an interaction connection
23 request for specifying said other users position marks
24 displayed in the three-dimensional image stereoscopic
25 representation to desire to interact with said other users
26 is performed to said information providing server; and
27 said information providing server is allowed to start
28 an interacting function program to provide connection
29 between the user and said other users corresponding to said
30 specified other users position marks.

1 15. (Currently Amended) An information providing client,
2 wherein
3 an advertisement placing request for requesting
4 placement of an advertisement is performed to an
5 information providing server for storing advertisement
6 placing information including at least a placing period of
7 an advertisement by adding an ID for each advertisement;
8 and

9 said information providing server is allowed to
10 execute a contract process of the advertisement placing
11 request, to update said stored advertisement placing
12 information based on the contents of the contract process,
13 to synthesize, at an information providing request form
14 another client, three-dimensional image data generated
15 based on image information in which a physical position is
16 clearly described and in which the same area is
17 photographed from different locations with said
18 advertisement placing information to generate synthesis
19 three-dimensional image data when said placing period
20 included in said stored advertisement placing information
21 includes the current date, and to send the synthesis three-
22 dimensional image data to the another client,

23 wherein the synthesis three-dimensional image data
24 includes the advertisement placed at a particular location
25 corresponding to the placed location in a three-dimensional
26 image corresponding to the three-dimensional image data.

1 16. (Currently Amended) An information providing system
2 processing method, wherein

3 an information providing server stores three-
4 dimensional image data generated based on image information
5 in which a physical position is clearly described and in
6 which the same area is photographed from different
7 locations and stores positional information showing the
8 position of said three-dimensional image data and further

9 stores advertisement placing information including at least
10 a placing period and a placed location of an advertisement
11 by adding an ID for each advertisement;

12 an information providing client ~~performs~~ provides to
13 said information providing server a ~~browsing location~~
14 ~~specification~~ viewpoint position of a user information for
15 specifying a desired ~~browsing location~~ viewpoint position
16 of a user;

17 said information providing server reads the
18 corresponding three-dimensional image data from said three-
19 dimensional image data based on said ~~browsing location~~
20 ~~specification~~ viewpoint position of a user information,
21 reads from stored said advertisement placing information
22 said advertisement placing information having said placing
23 period including the current date data and said placed
24 location included in said three-dimensional image data read
25 based on said ~~browsing location specification~~ viewpoint
26 position of a user information, and synthesizes said read
27 three-dimensional image data with said advertisement
28 placing information to generate synthesis three-dimensional
29 image data which is then outputted to said information
30 providing client; and

31 said information providing client receives said
32 synthesis three-dimensional image data to generate a three-
33 dimensional image stereoscopic representation based on the
34 viewpoint position,

35 wherein the synthesis three-dimensional image data

36 includes the advertisement placed at a particular location
37 corresponding to the placed location in a three-dimensional
38 image corresponding to the three-dimensional image data.

1 17. (Currently Amended) An information providing system
2 processing method, wherein
3 an information providing server stores three-
4 dimensional image data generated based on image information
5 in which a physical position is clearly described and in
6 which the same area is photographed from different
7 locations and stores positional information showing the
8 position of said three-dimensional image data and further
9 stores advertisement placing information including at least
10 a placing period and a placed location of an advertisement
11 by adding an ID for each advertisement;

12 an information providing client for advertisement
13 provision performs to said information providing server an
14 advertisement placing request for requesting placement of
15 an advertisement;

16 said information providing server receives said
17 advertisement placing request, executes a contract process
18 of the advertisement placing request, and updates said
19 advertisement placing information stored based on the
20 contents of the contract process;

21 the information providing client ~~performs~~ provides to
22 said information providing server ~~a browsing location~~
23 ~~specification~~ viewpoint position of a user information for

24 specifying a desired ~~browsing location~~ viewpoint position
25 of a user;

26 said information providing server reads the
27 corresponding three-dimensional image data from said three-
28 dimensional image data based on said ~~browsing location~~
29 ~~specification~~ viewpoint position of a user information,
30 reads from said advertisement placing information said
31 advertisement placing information having said placing
32 period including the current date data and said placed
33 location included in said three-dimensional image data read
34 based on said ~~browsing location specification~~ viewpoint
35 position of a user information, and synthesizes said read
36 three-dimensional image data with said advertisement
37 placing information to generate synthesis three-dimensional
38 image data which is then outputted to said information
39 providing client; and

40 said information providing client receives said
41 synthesis three-dimensional image data to generate a three-
42 dimensional image stereoscopic representation based on the
43 viewpoint position,

44 wherein the synthesis three-dimensional image data
45 includes the advertisement placed at a particular location
46 corresponding to the placed location in a three-dimensional
47 image corresponding to the three-dimensional image data.

1 18. (Original) The information providing system processing
2 method according to claim 16 or 17, wherein
3 said information providing server records the ID of a
4 user and the viewpoint position of said user and further
5 stores an other users maximum display threshold value for
6 defining a threshold value to display the maximum number of
7 the viewpoint positions of the other users when displaying
8 the viewpoint positions of the other users;
9 said information providing client performs an other
10 users display request for requesting other users display in
11 said three-dimensional image stereoscopic representation;
12 said information providing server receives said other
13 users display request, adds and displays a user position
14 mark showing the user to the viewpoint position of the user
15 to said three-dimensional image stereoscopic
16 representation, fetches said viewpoint positions of the
17 other users and said user IDs up to said threshold value
18 defined by said other users maximum display threshold value
19 in the order close to the viewpoint position of said user,
20 and adds and displays other users position marks showing
21 said other users to said viewpoint position in said three-
22 dimensional image stereoscopic representation;
23 said information providing client performs an
24 interaction connection request for specifying said other
25 users position marks displayed in the three-dimensional
26 image stereoscopic representation to desire to interact
27 with said other users; and

28 said information providing server receives said
29 interaction connection request which specifies said other
30 users position marks, and regards, as persons to interact
31 with, the user IDs of said other users corresponding to
32 said specified other users position marks to start up an
33 interacting function program to provide connection.

1 19. (Currently Amended) An information providing system
2 processing method, wherein
3 an information providing server stores three-
4 dimensional image data generated based on image information
5 in which a physical position is clearly described and in
6 which the same area is photographed from different
7 locations and stores positional information showing the
8 position of said three-dimensional image data and further
9 stores advertisement placing information including at least
10 a placing period and a placed location of an advertisement
11 by adding an ID for each advertisement;

12 an information providing client ~~performs~~ provides to
13 said information providing server a ~~browsing location~~
14 ~~specification~~ viewpoint position of a user information for
15 specifying a desired ~~browsing location~~ viewpoint position
16 of a user;

17 said information providing server reads the
18 corresponding three-dimensional image data from said three-
19 dimensional image data based on said ~~browsing location~~
20 viewpoint position of a user, reads said advertisement

21 placing information having said placing period including
22 the current date data and said placed location included in
23 said three-dimensional image data read based on said
24 ~~browsing location specification~~ viewpoint position of a
25 user information, and synthesizes said read three-
26 dimensional image data with said advertisement placing
27 information to generate synthesis three-dimensional image
28 data which is then outputted to said information providing
29 client;

30 said information providing client receives said
31 synthesis three-dimensional image data to generate a three-
32 dimensional image stereoscopic representation based on a
33 viewpoint position;

34 said information providing server stores landmark
35 information including a language representation about the
36 name or contents corresponding to a landmark existing in
37 said three-dimensional image data and positional
38 information on the position of said landmark;

39 said information providing client performs a related
40 information provision request showing a position for
41 requesting related information provision; and

42 said information providing server refers to said
43 positional information included in the landmark information
44 stored in said landmark position storage step, specifies
45 the corresponding landmark information, uses said language
46 representation information of the landmark information to
47 search for page data including the contents related to the

48 language representation information from a set of page
49 data, and generates link information to said page data,
50 wherein the synthesis three-dimensional image data
51 includes the advertisement placed at a particular location
52 corresponding to the placed location in a three-dimensional
53 image corresponding to the three-dimensional image data.

1 20. (Original) The information providing system processing
2 method according to claim 19, wherein
3 said information providing server records a movement
4 history including the viewpoint position of said user and
5 the time, stores a stay time threshold value showing time
6 to stay around a landmark necessary for judging that said
7 user is interested in said landmark, stores range inside
8 and outside judgment distance information showing
9 definition of the peripheral position from the position of
10 a landmark necessary for judging that said user is
11 interested in said landmark, uses positional information in
12 said stored landmark information and said stored range
13 inside and outside judgment distance information to extract
14 said movement history when the viewpoint position of said
15 user is within ~~the range of the peripheral position a~~
16 surrounding area of said landmark defined by said range
17 inside and outside judgment distance information from said
18 extracted landmark position, uses the extracted movement
19 history to calculate the first time and the last time in
20 which the viewpoint position of said user passes through

21 said surrounding area of said landmark, compares a stay
22 time which is a difference between said last time and said
23 first time calculated with said stored stay time threshold
24 value, when said stay time is above said stay time
25 threshold value, uses said language representation
26 information of said landmark information to store a
27 landmark stay ~~history~~ record including said landmark name
28 and said stay time, and records an information presentation
29 command history including a landmark name in which said
30 user specifies related information presentation about the
31 position and the time;
32 said information providing client performs a summing
33 result presentation request for commanding to present the
34 summing result; and
35 said information providing server receives said
36 summing result presentation request and outputs said stored
37 landmark stay ~~history~~ record or said stored information
38 presentation command history.

1 21. (Currently Amended) A recording medium which records a
2 program for a server for allowing a computer to execute:
3 a three-dimensional image data storage process for
4 storing three-dimensional image data generated based on
5 image information in which a physical position is clearly
6 described and in which the same area is photographed from
7 different locations ,and storing positional information
8 showing the position of said three-dimensional image data;

9 an advertisement placing information storage process
10 for storing advertisement placing information including at
11 least a placing period and a placed location of an
12 advertisement by adding an ID for each advertisement; and
13 a three-dimensional image synthesizing process for
14 reading the three-dimensional image data from said three-
15 dimensional image data storage means based on ~~browsing~~
16 ~~location specification information~~ viewpoint of a user,
17 reading from said advertisement placing information storage
18 means said advertisement placing information having said
19 placing period including the current date data and said
20 placed location included in said three-dimensional image
21 data read based on said ~~browsing location specification~~
22 ~~information~~ viewpoint of a user, and synthesizing said read
23 three-dimensional image data with said advertisement
24 placing information to generate synthesis three-dimensional
25 image data
26 wherein the synthesis three-dimensional image data
27 includes the advertisement placed at a particular location
28 corresponding to the placed location in a three-dimensional
29 image corresponding to the three-dimensional image data.

1 22. A recording medium which records a program for a server
2 for allowing a computer to execute:

3 a three-dimensional image data storage process for
4 storing three-dimensional image data generated based on
5 image information in which a physical position is clearly

6 described and in which the same area is photographed from
7 different locations ,and storing positional information
8 showing the position of said three-dimensional image data;
9 an advertisement placing information storage process
10 for storing advertisement placing information including at
11 least a placing period and a placed location of an
12 advertisement by adding an ID for each advertisement;
13 a three-dimensional image synthesizing process for
14 reading the three-dimensional image data from said three-
15 dimensional image data storage means based on browsing
16 location specification information, reading from said
17 advertisement placing information storage means said
18 advertisement placing information having said placing
19 period including the current date data and said placed
20 location included in said three-dimensional image data read
21 based on said browsing location specification information,
22 and synthesizing said read three-dimensional image data
23 with said advertisement placing information to generate
24 synthesis three-dimensional image data;
25 an advertisement contract storage process for storing
26 contract information including an ID added to said
27 advertisement placing information, the name of an
28 advertisement placing person who desires to place an
29 advertisement, and a contract money amount; and
30 an advertisement contract process for executing a
31 contract process of an advertisement placing request upon
32 reception of said advertisement placing request from said

33 advertisement placing person and updating said
34 advertisement placing information stored in said
35 advertisement placing information storage means based on
36 said contract information stored in said advertisement
37 contract storage means
38 wherein the synthesis three-dimensional image data
39 includes the advertisement placed at a particular location
40 corresponding to the placed location in a three-dimensional
41 image corresponding to the three-dimensional image data.

1 23. A recording medium which records a program for a server
2 for allowing a computer to execute:

3 a three-dimensional image data storage process for
4 storing three-dimensional image data generated based on
5 image information in which a physical position is clearly
6 described and in which the same area is photographed from
7 different locations ,and storing positional information
8 showing the position of said three-dimensional image data;

9 an advertisement placing information storage process
10 for storing advertisement placing information including at
11 least a placing period and a placed location of an
12 advertisement by adding an ID for each advertisement;

13 a three-dimensional image synthesizing process for
14 reading the three-dimensional image data based on ~~browsing~~
15 ~~location-specification information~~ viewpoint of a user,
16 reading said advertisement placing information having said
17 placing period including the current date data and said

18 placed location included in said three-dimensional image
19 data read based on said ~~browsing location specification~~
20 ~~information~~ viewpoint of a user, and synthesizing said read
21 three-dimensional image data with said advertisement
22 placing information to generate synthesis three-dimensional
23 image data; and

24 a three-dimensional image browser process for
25 generating, based on a desired viewpoint position, a three-
26 dimensional image stereoscopic representation from said
27 synthesis three-dimensional image data outputted from said
28 three-dimensional image synthesizing means

29 wherein the synthesis three-dimensional image data
30 includes the advertisement placed at a particular location
31 corresponding to the placed location in a three-dimensional
32 image corresponding to the three-dimensional image data.

1 24. A recording medium which records a program for a server
2 for allowing a computer to execute:

3 a three-dimensional image data storage process for
4 storing three-dimensional image data generated based on
5 image information in which a physical position is clearly
6 described and in which the same area is photographed from
7 different locations ,and storing positional information
8 showing the position of said three-dimensional image data;
9 an advertisement placing information storage process
10 for storing advertisement placing information including at
11 least a placing period and a placed location of an

12 advertisement by adding an ID for each advertisement;
13 a three-dimensional image synthesizing process for
14 reading the three-dimensional image data based on ~~browsing~~
15 ~~location specification information~~ viewpoint of a user,
16 reading said advertisement placing information having said
17 placing period including the current date data and said
18 placed location included in said three-dimensional image
19 data read based on said ~~browsing location specification~~
20 ~~information~~ viewpoint of a user, and synthesizing said read
21 three-dimensional image data with said advertisement
22 placing information to generate synthesis three-dimensional
23 image data;
24 a three-dimensional image browser process for
25 generating, based on a desired viewpoint position, a three-
26 dimensional image stereoscopic representation from said
27 synthesis three-dimensional image data outputted from said
28 three-dimensional image synthesizing means;
29 an advertisement contract storage process for storing
30 contract information including an ID added to said
31 advertisement placing information, the name of an
32 advertisement placing person who desires to place an
33 advertisement, and a contract money amount; and
34 an advertisement contract process for executing a
35 contract process of an advertisement placing request upon
36 reception of said advertisement placing request from said
37 advertisement placing person and updating said
38 advertisement placing information stored in said

39 advertisement placing information storage means based on
40 said contract information stored in said advertisement
41 contract storage means
42 wherein the synthesis three-dimensional image data
43 includes the advertisement placed at a particular location
44 corresponding to the placed location in a three-dimensional
45 image corresponding to the three-dimensional image data.

1 25. A recording medium which records a program for a client
2 for allowing a computer to execute:

3 a process for requesting to provide information
4 showing a viewpoint position to an information providing
5 server for storing advertisement placing information
6 including at least a placing period of an advertisement
7 desired to be placed by adding an ID for each
8 advertisement; and

9 a process for allowing said information providing
10 server to synthesize three-dimensional image data generated
11 based on image information in which a physical position is
12 clearly described and the same area is photographed from
13 different locations with said advertisement placing
14 information to generate synthesis three-dimensional image
15 data when said placing period included in said stored
16 advertisement placing information includes the current date
17 and to use said viewpoint position to generate a three-
18 dimensional image stereoscopic representation from the
19 synthesis three-dimensional image data and for receiving

20 and displaying the three-dimensional image stereoscopic
21 representation

22 wherein the synthesis three-dimensional image data
23 includes the advertisement placed at a particular location
24 corresponding to the placed location in a three-dimensional
25 image corresponding to the three-dimensional image data.

1 26. A recording medium which records a program for a client
2 for allowing a computer to execute:

3 a three-dimensional image browser process which
4 stores three-dimensional image data generated based on
5 image information in which a physical position is clearly
6 described and in which the same area is photographed from
7 different locations associated with positional information
8 showing the position of the three-dimensional image data
9 and further performs a browsing location specification for
10 specifying a desired location to be browsed to an
11 information providing server for storing advertisement
12 placing information including at least a placing period and
13 a placed location of an advertisement by adding an ID for
14 each advertisement and which allows said information
15 providing server to read the corresponding three-
16 dimensional image data from said three-dimensional image
17 data based on said browsing location specification, to read
18 from said advertisement placing information said
19 advertisement placing information having said placing
20 period including the current date data and said placed

21 location included in said read three-dimensional image data
22 and to synthesize said read three-dimensional image data
23 with said advertisement placing information to generate
24 synthesis three-dimensional image data, and receives the
25 synthesis three-dimensional image data to generate a three-
26 dimensional image stereoscopic representation based on a
27 viewpoint position;

28 an input process for outputting said viewpoint
29 position to said three-dimensional image browser; and

30 a display process for receiving said three-
31 dimensional image stereoscopic representation from said
32 three-dimensional image browser to display it

33 wherein the synthesis three-dimensional image data
34 includes the advertisement placed at a particular location
35 corresponding to the placed location in a three-dimensional
36 image corresponding to the three-dimensional image data.

1 27. (Currently Amended) A recording medium which records a
2 program for a client for allowing a computer to execute:

3 an advertisement placing process for requesting
4 placement of an advertisement to an information providing
5 server for storing advertisement placing information
6 including at least a placing period of an advertisement by
7 adding an ID for each advertisement; and

8 a process for allowing said information providing
9 server to execute a contract process of the advertisement
10 placing request, to update said stored advertisement

11 placing information based on the contents of the contract
12 process, to synthesize, at an information providing request
13 from another client, three-dimensional image data generated
14 based on image information in which a physical position is
15 clearly described and the same area is photographed from
16 different locations with said advertisement placing
17 information to generate synthesis three-dimensional image
18 data when said placing period included in said stored
19 advertisement placing information includes the current
20 date, and to send the synthesis three-dimensional image
21 data to the another client

22 wherein the synthesis three-dimensional image data
23 includes the advertisement placed at a particular location
24 corresponding to the placed location in a three-dimensional
25 image corresponding to the three-dimensional image data.